

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/000107

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ G02B1/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ G02B1/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho	1971-2002	Jitsuyo Shinan Toroku Koho	1996-2002

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/0146196 A1 (NEC CORP.), 10 October, 2002 (10.10.02), Par. Nos. [0012] to [0014]; Fig. 1 & JP 2002-303836 A	1-17
Y	JP 2002-162525 A (Minolta Co., Ltd.), 07 June, 2002 (07.06.02), Par. Nos. [0004], [0026] to [0027]; Figs. 1 to 6 (Family: none)	1-17
Y A	JP 2001-072414 A (Japan Science and Technology Corp.), 21 March, 2001 (21.03.01), Par. Nos. [0017] to [0029] (Family: none)	7 1-6, 8-17

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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Date of the actual completion of the international search
05 February, 2004 (05.02.04)Date of mailing of the international search report
24 February, 2004 (24.02.04)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1136853 A1 (TDK Corp. & Kansai Technology Licensing Organization Co., Ltd.); 26 September, 2001 (26.09.01), Full text; all drawings & JP 2001-272555 A	1-17
Y	JP 2001-296442 A (Canon Inc.), 26 October, 2001 (26.10.01), Par. Nos. [0039] to [0041]; Figs. 5, 6 (Family: none)	1-17
Y	US 5739796 A (The United States of America as represented by the Secretary of the Army), 14 April, 1998 (14.04.98), Column 6, line 21 to column 7, line 7; Fig. 3 (Family: none)	1-17
A	US 584400 A (Massachusetts Institute of Technology), 21 July, 1998 (21.07.98), Full text; all drawings (Family: none)	1-17
A	US 6366392 B1 (NEC Corp.), 02 April, 2002 (02.04.02), Full text; all drawings & JP 2000-352631 A	1-17